

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 15 km (meters)	Predicted Distances	
		To the 315 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
350	132	23.0	39.1
0	130	22.8	38.4
45	135.3	23.2	39.0
90	137.9	23.4	39.4
135	140.1	23.5	39.6
180	138.8	23.4	39.5
225	138.8	23.4	39.5
270	129.4	22.7	38.3
315	129.1	22.7	38.3

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

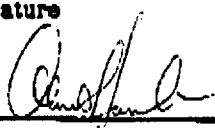
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not. See Page 2 of Exhibit

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
Alan S. Hovermale	Technical Consultant
Signature	Address (Include ZIP Code)
	P.O. Box 565 Manning, SC 29102
Date	Telephone No. (Include Area Code)
May 25, 1992	(803) 491 7599

GRESHAM COMMUNICATIONS, INC.

RADIO STATION WALD

WALTERBORO, SOUTH CAROLINA

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HOVERMALE ASSOCIATES, INC.

P.O. BOX 565

MANNING, SC. 29102

GEOLOGICAL SURVEY

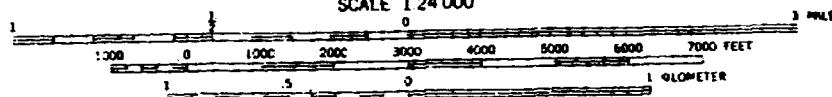
EXHIBIT EE-2
TOPOGRAPHIC SITE MAP PORTION
GRESHAM COMMUNICATIONS, INC.
RADIO STATION WALD
WALTERBORO, SC

COTTAGEVILLE, S.C.
NW 1/4 COTTAGEVILLE 17 QUADRANGLE
N3252.5-W8022.5/7.5

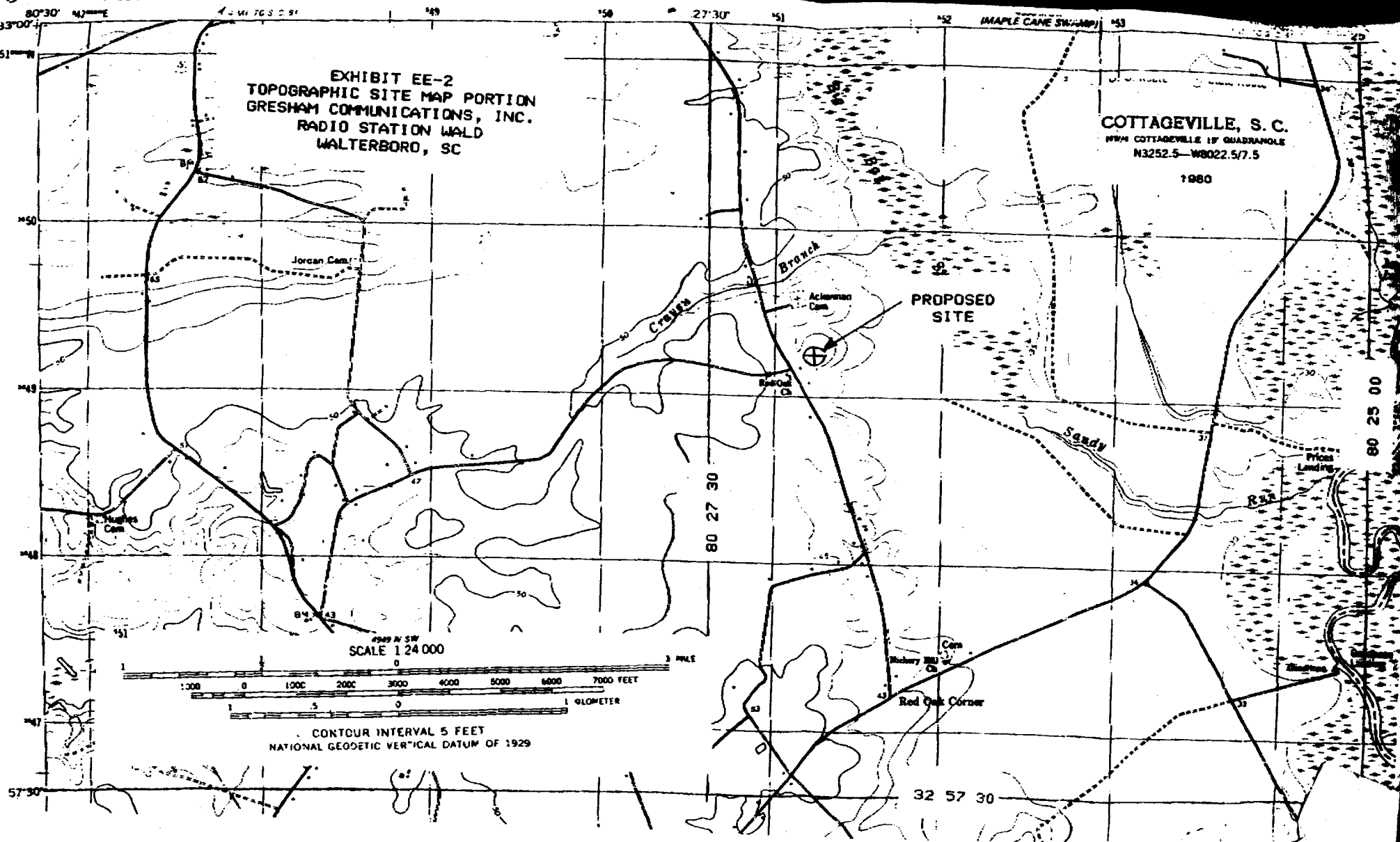
1980

PROPOSED
SITE

SCALE 1:24,000



CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



GRESHAM COMMUNICATIONS, INC.

RADIO STATION WALD

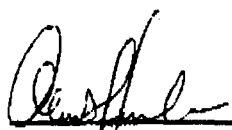
WALTERBORD, SOUTH CAROLINA

DECLARATION

I declare, under penalty of perjury, that I have prepared the attached Exhibit for Gresham Communications, Inc., Radio Station WALD, and that all of the facts therein, except for the facts of which the Federal Communications Commission may take official notice, are true to the best of my knowledge and belief.

Excuted on May 25, 1992.

EE-3



Alan S. Hovermale
P.O. Box 565
Manning, SC. 29102
803 491 7599

GRESHAM COMMUNICATIONS, INC.

RADIO STATION WALD

WALTERBORO, SOUTH CAROLINA

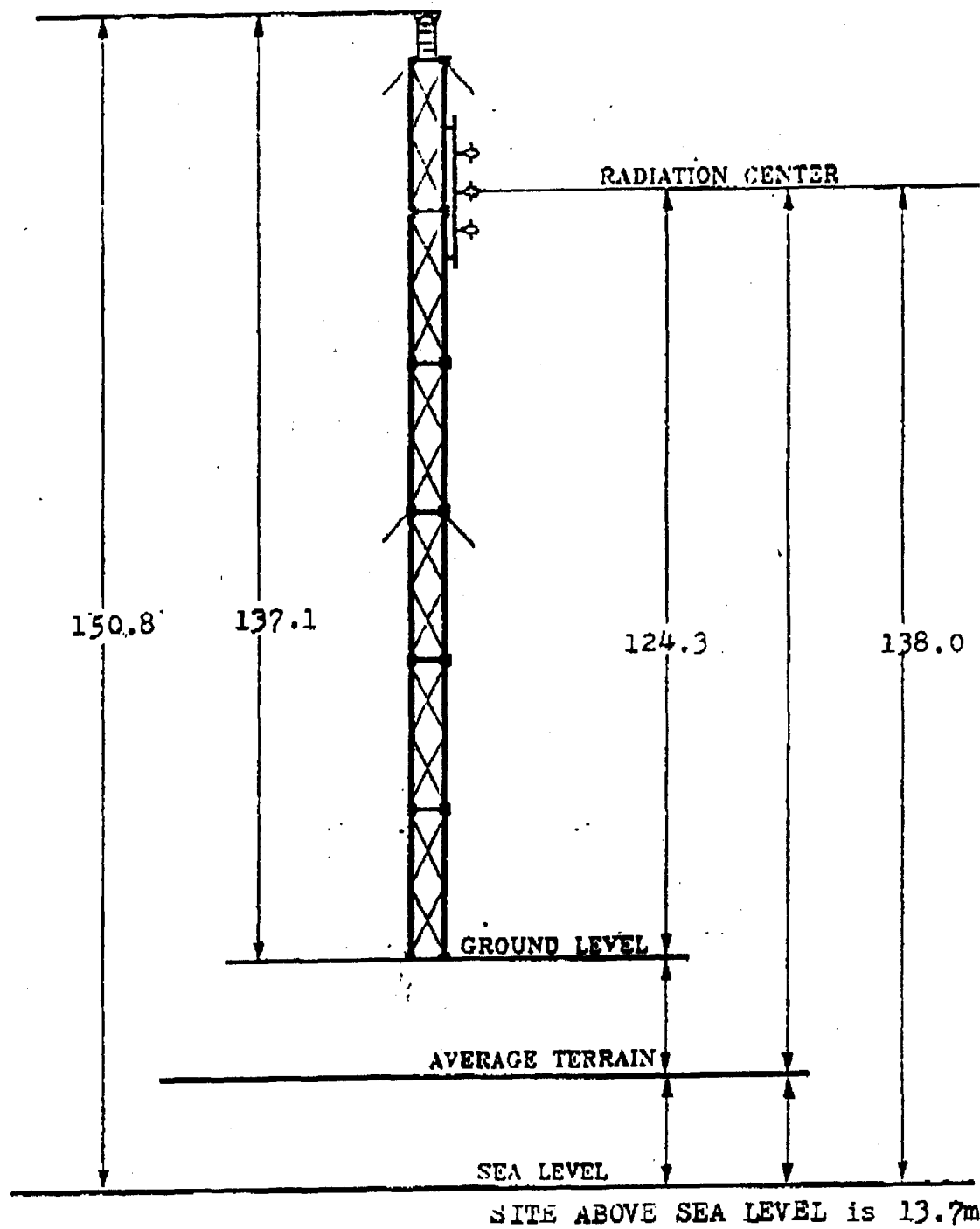
NARRATIVE

This Exhibit supports the attached Application of Gresham Communications, Radio Station WALD for a change in antenna location and an increase in ERP to 13.7 Kilowatts at Walterboro, South Carolina.

This application is in response to MM Docket 91-262. The location of this site meets all Sections of Part 73.207 of Federal Communications Rules and Regulations in respect to separation requirements to all required stations and allocations.

The response to question 14 of U-B is "No" to all parts. The Blanketing Contour will encompass a very sparsely populated area. If any Blanketing Interference is reported, the applicant agrees to abide by 73.318 in correcting the problem. Possible solutions to blanketing interference might include, but not limited to, the installation of a filter in the antenna input to the offending receiver and installation of RF chokes in the speaker and power cables.

The proposed site is not in an area described in 1.1307(a)(4); the facility will not involve a significant change in the surface features of the land, and the tower will not use high intensity white lights at night.



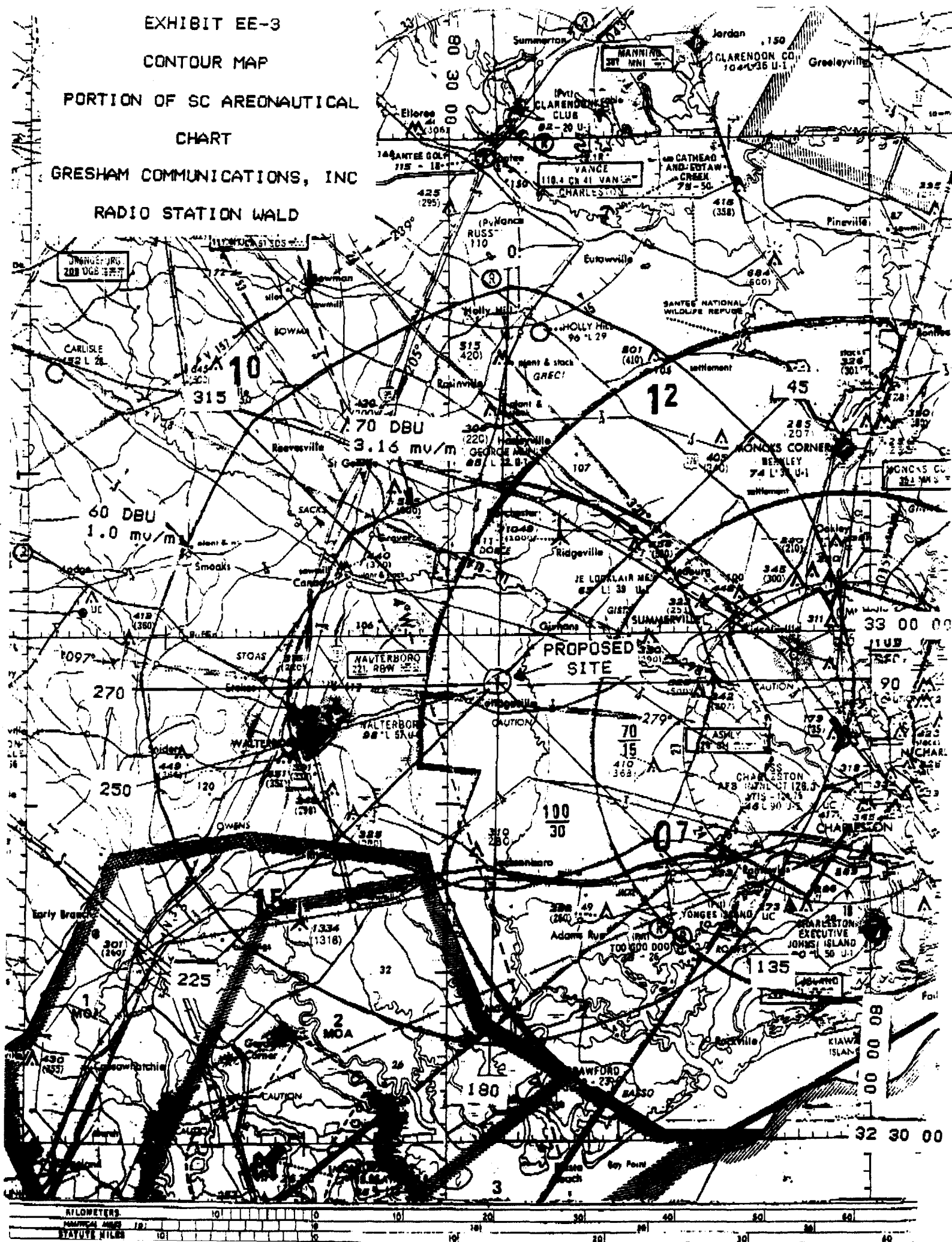
DIMENSIONS IN METERS

GRESHAM COMMUNICATIONS
RADIO STATION WALB

EXHIBIT EE-1

ANTENNA AND TOWER ELEVATIONS

RADIO STATION WALD



There is no RFR hazard to humans at ground level when evaluated using the criteria of ANSI C95.1-1982. Therefore, this application is excluded from environmental processing under 1.1306.

In consideration of worker safety, the applicant agrees to turn the transmitter off any time that an authorized person is working aloft of the antenna structure.

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION			Aeronautical Study Number	
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>U.S. Department of Transportation Federal Aviation Administration</p> </div> <div style="width: 80%; text-align: center;"> <p>NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION</p> </div> </div>				
1. Nature of Proposal <div style="display: flex;"> <div style="flex: 1;"> <p>A. Type</p> <p><input checked="" type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Alteration</p> </div> <div style="flex: 1;"> <p>B. Class</p> <p><input checked="" type="checkbox"/> Permanent</p> <p><input type="checkbox"/> Temporary (Duration _____ months)</p> </div> <div style="flex: 1;"> <p>C. Work Schedule Dates</p> <p>Beginning <u>After receipt of CP</u></p> </div> </div>			2. Complete Description of Structure <p>A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure.</p> <p>B. Include size and configuration of power transmission line and their supporting towers in the vicinity of FAA facilities and public airports.</p> <p>C. Include information showing site orientation, dimensions, and construction materials of the proposed structure.</p> <p>Proposed facility is an FM broadcast station operating on 100.9 mhz. With 13.7 kilowatts vert.</p>	
3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code) <p>(803) <u>538 5401</u> area code Telephone Number</p> <p>GRESHAM COMMUNICATIONS INC. HIGHWAY 17 SOUTH WALTERBORO, SC 29448</p>			<p>(If more space is required, continue on a separate sheet.)</p>	
B. Name, address and telephone number of proponent's representative if different than 3 above. 				
4. Location of Structure <div style="display: flex;"> <div style="flex: 1;"> <p>A. Coordinates (To nearest second)</p> <p>32° 58' 55" N 80° 27' 06" W Latitude Longitude</p> </div> <div style="flex: 1;"> <p>B. Nearest City or Town, and State</p> <p>Cottageville 3.6 N.E. Miles</p> </div> <div style="flex: 1;"> <p>C. Name of nearest airport, heliport, flight park, or seaplane base</p> <p>Walterboro 12 East miles WEST</p> </div> </div>			5. Height and Elevation (Complete to the nearest foot) <div style="display: flex;"> <div style="flex: 1;"> <p>A. Elevation of site above mean sea level</p> <p>45.0</p> </div> <div style="flex: 1;"> <p>B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated</p> <p>450.0</p> </div> <div style="flex: 1;"> <p>C. Overall height above mean sea level (A + B)</p> <p>495.0</p> </div> </div>	
<p>D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (If more space is required, continue on a separate sheet of paper and attach to this notice.)</p> <p>See attached 1:24000 and 1:500000 Aereo Chart Maps.</p>				
<p><small>Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).</small></p>				
<p>I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.</p>				
<p>Date</p> <p>5/23/92</p>		<p>Typed Name/Title of Person Filing Notice</p> <p>Alan S. Hovermale, Technical Consultant</p>		
		<p>Signature</p> <p><i>[Signature]</i></p>		

EXHIBIT 2

**LETTER FROM FEDERAL AVIATION ADMINISTRATION DENYING
GRESHAM'S FIRST ANTENNA SITE NEAR COTTAGEVILLE, SC**



U.S. Department
of Transportation
**Federal Aviation
Administration**

Southern Region

P. O. Box 20638
Atlanta, Georgia 30320

July 21, 1992

Alan S. Hovermale
Gresham Communications, Inc.
Radio Station WALD
Highway 17 A
Walterboro, SC 29448

Dear Mr. Hovermale:

Re: Aeronautical Study No. 92-ASO-1088-OK

An aeronautical study of your proposal to construct an antenna tower (450' AGL/495' AMSL) near Cottageville, SC, has been completed. Based on an internal study, the proposal was found to have substantial adverse effects on aeronautical operations in the vicinity of the structure and, as such, public circularization was not deemed necessary.

Aeronautical study for Instrument Flight Rules (IFR) effect disclosed that the proposal would necessitate the following revisions:

Summerville - Increase the NDB Runway 5 Minimum Descent Altitude (MDA) from 600 ft. to 900 ft.

Walterboro - Increase the NDB Runway 23 Minimum Descent Altitude (MDA) from 620 ft. to 900 ft.

The MDA is the minimum altitude to which an aircraft may descend while on the approach to the airport during periods when reduced visibility and/or low cloud ceiling conditions exist. If the pilot cannot achieve visual reference to the ground upon reaching the MDA, the approach must be abandoned. This results in the aircraft having to proceed to an alternate airport or waiting in a holding pattern for improved weather conditions.

Any increase to the existing MDA would have significant adverse effect on the benefit derived from the instrument approach procedure.

Administrative procedures of Federal Aviation Regulations, Part 77, require that we issue a formal Determination of Hazard or No Hazard following the conclusion of the study.

The proposal's substantial adverse effect would warrant a Determination of Hazard to Air Navigation. Alternatives include reducing the proposed structure to 155 ft. AGL/200 ft. AMSL, or reducing to 205 ft. AGL/250 ft. AMSL and providing a certified survey of at least 2.C. accuracy (+/-50' HORZ., +/-20' VERT.) or withdrawing the proposal. Any new site will require a new study.

EXHIBIT 3

**PROPERLY SPACED ANTENNA SITE LOCATED CLOSER TO CHARLESTON
URBANIZED AREA THAN PROPOSED COORDINATES AT RIDGEVILLE**

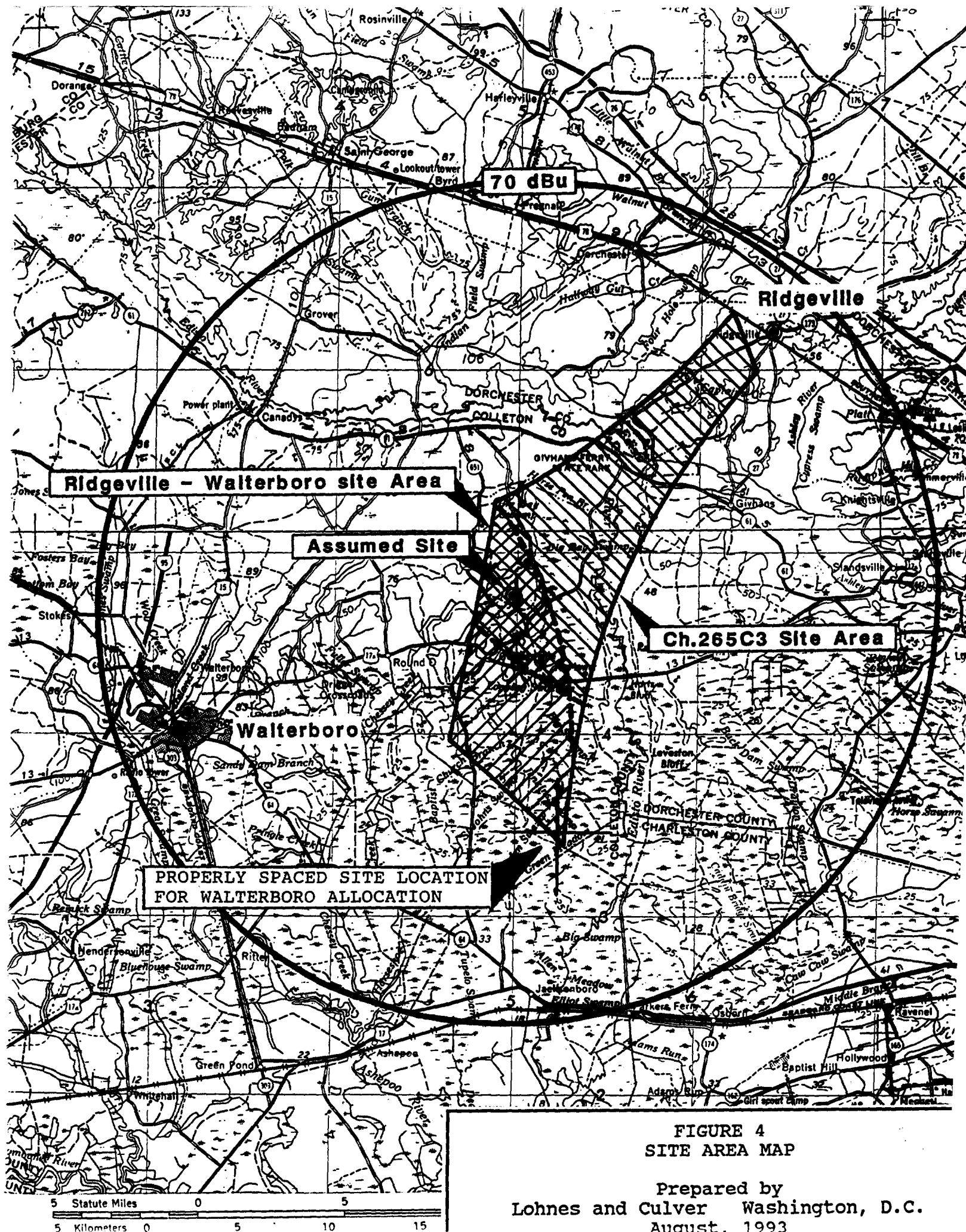


FIGURE 4
SITE AREA MAP

Prepared by
Lohnes and Culver Washington, D.C.
August, 1993

EXHIBIT 4

**MAP SHOWING WPAL-FM AUTHORIZED SITE, REASSIGNMENT ALLOCATION
COORDINATES AND PROPERLY SPACED AREA SOUTHEAST OF WALTERBORO
AND THEIR DISTANCES TO DOWNTOWN CHARLESTON**

**ALLOCATION COORDINATES
AT RIDGEVILLE**

**FIGURE 1
LOCATION MAP**

Prepared by
Lohnes and Culver Washington, D.C.
August, 1993

Ridgeville

Walterboro

AUTHORIZED ANTENNA SITE

**SITE IN PROPERLY SPACED AREA
SOUTHEAST OF WALTERBORO**

33.0 MILES

43.3 miles

29.5 MILES

31.3 miles

Charleston

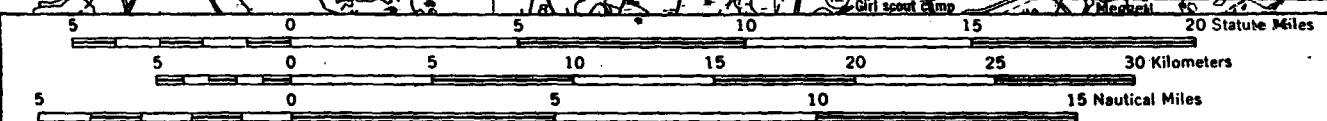


EXHIBIT 5

**COVERAGE OF CHARLESTON URBANIZED AREA IF WPAL-FM ANTENNA SITE
WERE LOCATED IN PROPERLY SPACED LOCATION SHOWN ON EXHIBIT 3**

G-12 SOUTH CAROLINA

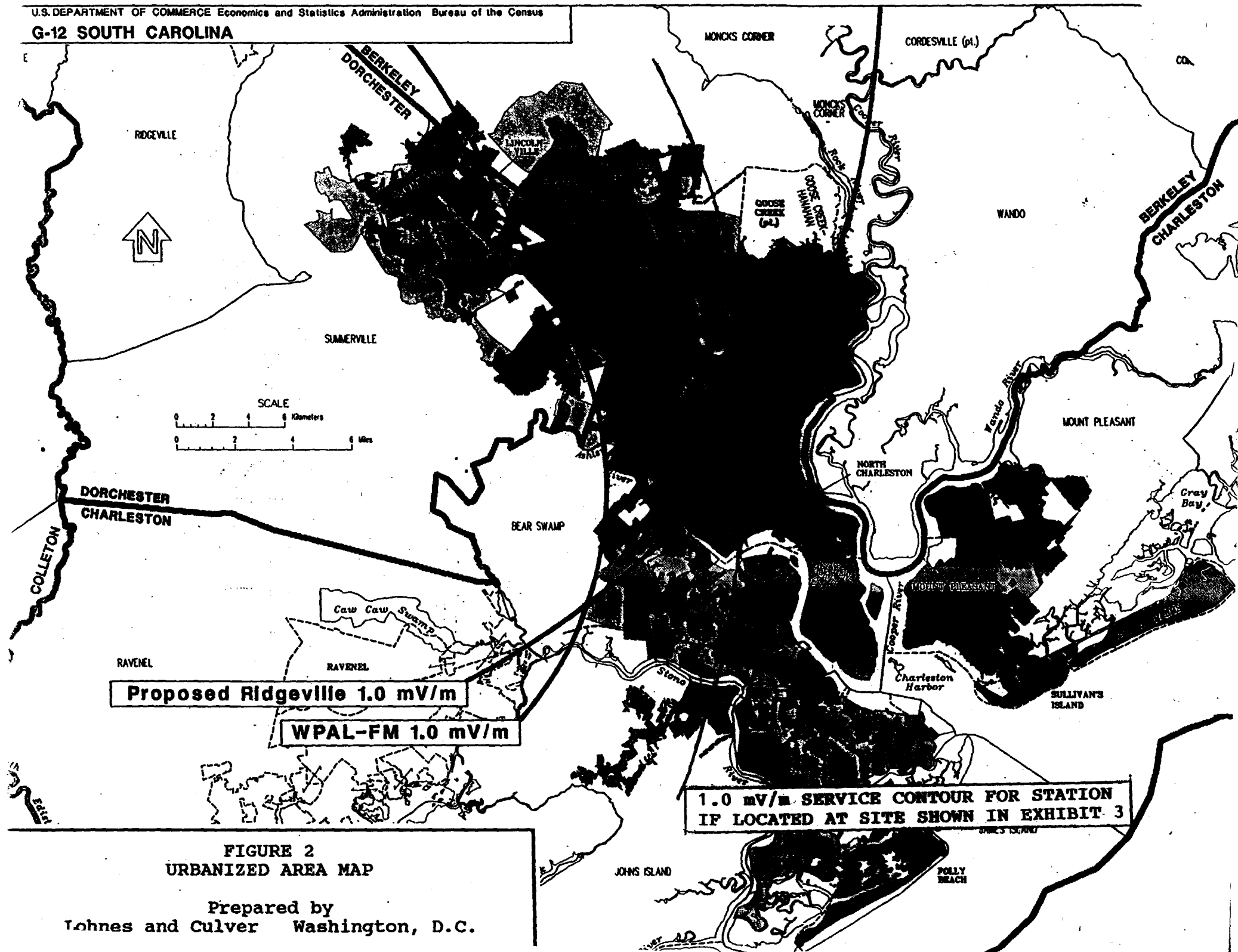
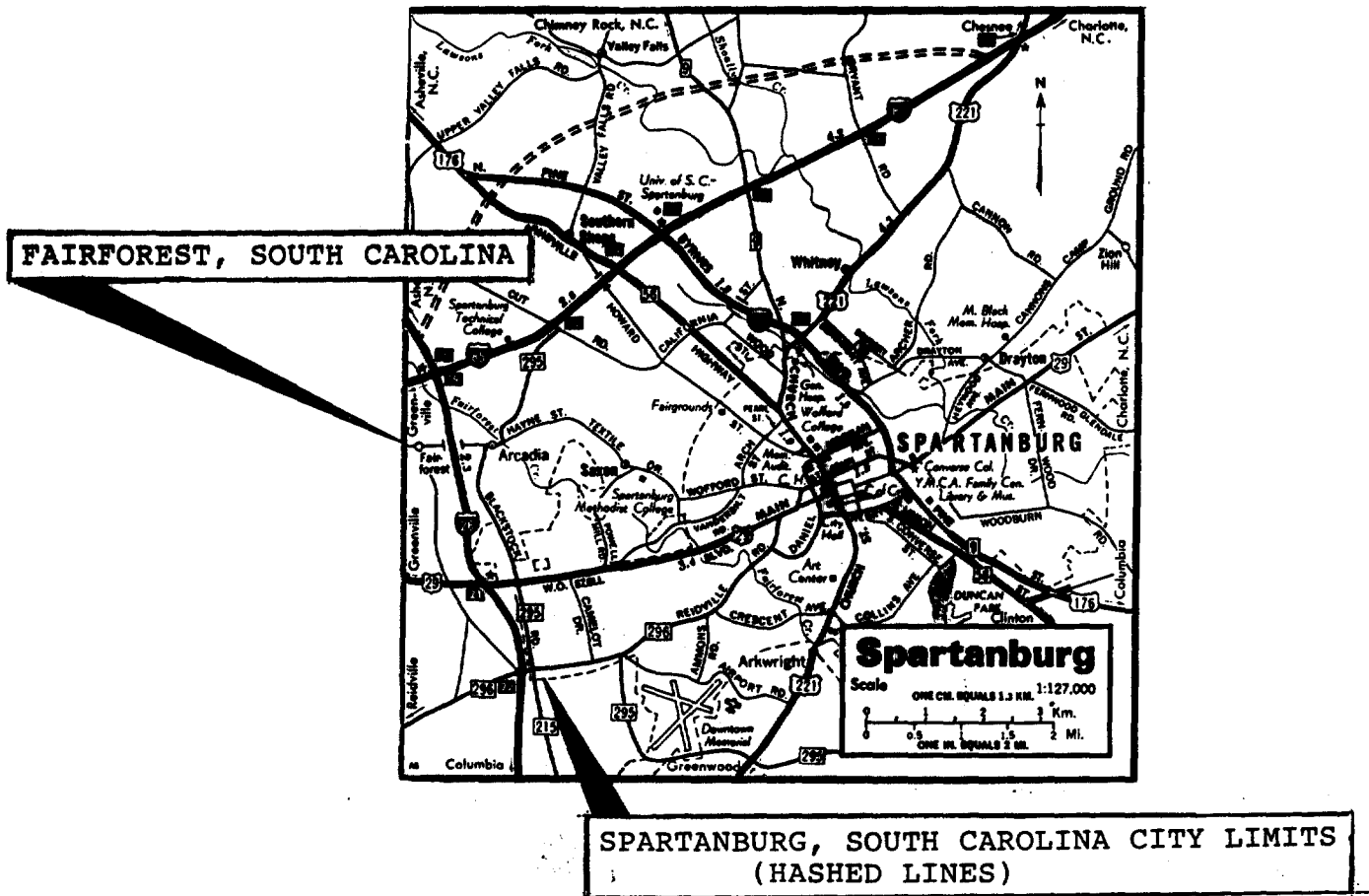


FIGURE 2
URBANIZED AREA MAP

Prepared by
Johnes and Culver Washington, D.C.

RELATIONSHIP OF FAIRFOREST, SC TO SPARTANBURG, SC



**SMALL COMMUNITIES IN SOUTH CAROLINA WITH FM
ALLOCATIONS NEAR LARGER URBANIZED AREAS**

COLUMBIA, SC

1. West Columbia
2. Cayce
3. South Congaree
4. Lexington
5. Irmo
6. St. Andrews

GREENVILLE, SC

1. Greer
2. Easley

SPARTANBURG, SC

1. Greer

CHARLESTON, SC

1. Mount Pleasant
2. Summerville
3. Ravenel
4. Folly Beach
5. Hanahan
6. Goose Creek
7. Ladson

MYRTLE BEACH, SC

1. Socastee
2. North Myrtle Beach
3. Surfside Beach
4. Bucksport
5. Pawleys Island
6. Murrells Inlet
7. Loris

FLORENCE, SC

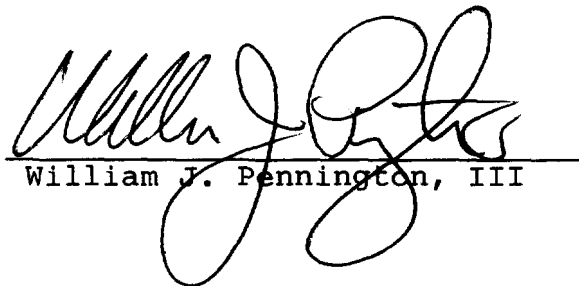
1. Scranton
2. Pamplico
3. Lake City
4. Marion

CERTIFICATE OF SERVICE

I, William J. Pennington, III, hereby certify that true and complete copies of the foregoing "Reply Comments" were served this 28th day of August, 1993, upon the parties listed below via first class mail, postage prepaid.

Michael C. Ruger
Chief, Allocations Branch
Policy and Rules Division
Mass Media Bureau
2025 M Street, NW
Room 8322
Washington, DC 20554

Alan C. Campbell
Irwin Campbell & Crowe
1320 18th Street, N.W.
Suite 400
Washington, DC 20554
**COUNSEL TO MILLENNIUM COMMUNICATIONS
OF CHARLESTON, INC.**



William J. Pennington, III